



417d  
1 BILL NO. S-78-09-23

2 SPECIAL ORDINANCE NO. S- 165-78

3 AN ORDINANCE approving City Utilities  
4 Purchase Order No. 0231 with Newberry  
5 Construction Company for materials for  
the Three Rivers Filtration Plant.

6 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE,  
7 INDIANA:

8 SECTION 1. That City Utilities Purchase Order No. 0231, dated  
9 August 22, 1978, between the City of Fort Wayne, by and through the City  
10 Utilities Purchasing Agent and the Board of Public Works and Newberry  
11 Construction Company, for:

12 Spy Run Railroad repairs, i.e. removal and  
13 replacement of tracks, rails and concrete  
14 drives located at the Three Rivers Filtra-  
tion Plant,

15 at a cost of \$6,313.00, all as more particularly set forth in said  
16 Purchase Order, which is on file in the Office of the Department of Pur-  
17 chasing and is by reference incorporated herein and made a part hereof,  
18 be and the same is in all things ratified, confirmed and approved.

19 SECTION 2. That this Ordinance shall be in full force and  
20 effect from and after its passage and approval by the Mayor.

21   
22   
23 Councilman

24  
25 APPROVED AS TO FORM  
26 AND LEGALITY,  
27   
28 CITY ATTORNEY  
29  
30  
31  
32

Read the first time in full and on motion by Burns, seconded by  
Hinga, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on \_\_\_\_\_, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M.E.S.T.

DATE: 9/12/78

Charles W. Westerman  
CITY CLERK

Read the third time in full and on motion by Burns,  
seconded by Stier, and duly adopted, placed on its passage.

PASSED (TEST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	<u>0</u>			
<u>BURNS</u>	<u>✓</u>				
<u>HINGA</u>	<u>✓</u>				
<u>HUNTER</u>	<u>✓</u>				
<u>MOSES</u>	<u>✓</u>				
<u>NUCKOLS</u>	<u>✓</u>				
<u>SCHMIDT, D.</u>	<u>✓</u>				
<u>SCHMIDT, V.</u>	<u>✓</u>				
<u>STIER</u>	<u>✓</u>				
<u>TALARICO</u>	<u>✓</u>				

DATE: 9-26-78

Charles W. Westerman  
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as  
(ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE  
(RESOLUTION) No. 2-165-78 on the 26th day of September, 1978.  
ATTEST: (SEAL) Samuel J. Talarico

Charles W. Westerman  
CITY CLERK

PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 27th  
day of September, 1978, at the hour of 11:30 o'clock A.M., E.S.T.

Charles W. Westerman  
CITY CLERK

Approved and signed by me this 28th day of September, 1978,  
at the hour of 10 o'clock \_\_\_\_\_ M.E.S.T.

Robert Edmiston  
MAYOR

Bill No. S-78-09-23

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance  
approving City Utilities Purchase Order No. 0231 with Newberry Construction  
Company for materials for the Three Rivers Filtration Plant

[Handwritten notes and signatures follow]

have had said Ordinance under consideration and beg leave to report back to the Common  
Council that said Ordinance 80 PASS.

PAUL M. BURNS - CHAIRMAN

JAMES S. STIER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

FREDRICK R. HUNTER

9-26-78 CONCURRED IN  
CHARLES W. WESTERMAN, CITY CLERK  
DATE

Paul M. Burns

James Stier

Vivian G. Schmidt

Winfield C. Moses Jr.

Fredrick R. Hunter

# Memorandum

To H.P. Wehrenberg, Board of Public Works

Date August 22, 1978

From Ruth Winget, Purchasing Department

Subject Spy Run Railroad Spur Repairs

**COPIES TO:**

Ed Stanczak  
Glen Patrick

Herewith is Purchase Order Number 0231 prepared favoring Newberry Construction Company for Spy Run Railroad Spur Repairs for Three Rivers Filtration Plant.

Three (3) quotes were receiving with Newberry Construction Company being the lowest at \$6,313.00.

Attached are the following documents in support of the recommendation for acceptance of Newberry Construction Company.

1. All Vendor's quotes.
2. Purchase Order Number 0231.

It is urged that in referring this quote to the City Council for enactment of an ordinance, that all of the attached items, together with this memorandum (or copies), be included with the proposed ordinance.

Please make sure that no confirming Purchase Order Number is given to Newberry Construction Company until evidence of Council approval is furnished by the Purchasing Department.

*R.A. Winget*  
R.A. Winget

Approved: *R.F. Bugher*  
R.F. Bugher

**CITY OF FORT WAYNE****CITY UTILITIES**

DEPARTMENT OF PURCHASES  
 CITY-COUNTY BUILDING  
 NUMBER ONE EAST MAIN STREET  
 FORT WAYNE, INDIANA 46802

(Page 1 of 2)

ORIGINAL

PURCHASE ORDER NO.

0231

This number must appear on each package, packing slip, invoice, bill of lading, less than carload and correspondence.

DATE August 22, 1978

Newberry Construction Company  
 10080 Windisch Road  
 West Chester, Ohio 45069

## SHIP TO —

Three Rivers Filtration Plant  
 Griswold Drive  
 Fort Wayne, Ind. 46803

(Spy Run Railroad Spur Repairs)

## MAIL ALL INVOICES TO —

**CITY UTILITIES****GENERAL ACCOUNTING****4TH FLOOR CITY-COUNTY BUILDING****NUMBER ONE EAST MAIN STREET****FORT WAYNE, INDIANA 46802**

INVOICE IN DUPLICATE, INCLUDING

CERTIFICATION AS REQUIRED BY

INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR W.O. NO.	UNIT PRICE	TOTAL
		<p>Furnish labor, equipment and material to perform track as follows:</p> <ol style="list-style-type: none"> <li>1. Remove concrete from Station 0+83 to I+19 and dispose of same.</li> <li>2. Remove track and excavate to a line 6 inches below the bottom of the new tie grade, disposing of same from Station 0+36 to I+19.</li> <li>3. Rebuild the track using the following:           <ol style="list-style-type: none"> <li>a) Reuse existing west rail.</li> <li>b) Relay east rail with material furnished by owner.</li> <li>c) Furnish and install new joint bars for four (4) joints, including one (1) pair compromise angle bars.</li> <li>d) Furnish and install new bolts and spikes.</li> <li>e) Furnish and install forty-eight (48) 7"x9"x8"-6" creosoted cross ties.</li> <li>f) Furnish and install new crushed limestone ballast 6 inches under ties level with the top of ties.</li> <li>g) Replace concrete drive approximately 36"x10"x6".</li> </ol> </li> <li>4. The Owner shall have the right to retain any or all of the existing cross ties that will be replaced. All cross ties not retained by the Owner shall be hauled away and disposed of by the Contractor.</li> </ol> <p>All above work to be performed according to the specifications and plans titled Special Provisions, Spy Run Railroad Track Repair, Three Rivers Filtration Plant,</p>	21-651.03		6,313.00

**ATTENTION!**

Send all invoices to General Accounting  
 4th Floor City-County Bldg.  
 1 E. Main St. 46802  
 Show P. O. Number on Packing Slip  
 and Invoice.

(Cont. on Page 2)

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

RW (607)

BY \_\_\_\_\_

CITY UTILITIES PURCHASING AGENT

SUBJECT TO CONDITIONS ON REVERSE SIDE

**CITY OF FORT WAYNE  
CITY UTILITIES**

DEPARTMENT OF PURCHASES  
ROOM 950 CITY-COUNTY BUILDING  
NUMBER ONE EAST MAIN STREET  
FORT WAYNE, INDIANA 46802

(Page 2)

ORIGINAL P.O. 0231  
PURCHASE ORDER NO.

Train number must appear on each pack-  
age, packing slip, invoice, bill of lading,  
express receipt and correspondence.

DATE AUGUST 22, 1978

Newberry Construction Co.  
10080 Windisch Road  
West Chester, Ohio 45069

SHIP TO --

Three Rivers Filtration Plant  
Griswold DRive  
Fort Wayne, Ind. 46803  
(Spy Run Railroad Spur Repairs)

MAIL ALL INVOICES TO --  
**CITY UTILITIES**

**GENERAL ACCOUNTING**  
**4th FLOOR CITY-COUNTY BUILDING**  
**NUMBER ONE EAST MAIN STREET**  
**FORT WAYNE, INDIANA 46802**  
INVOICE IN DUPLICATE, INCLUDING  
CERTIFICATION AS REQUIRED BY  
INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR W.D. NO.	UNIT PRICE	TOTAL
		(Continued from page 1)  Net upon Completion Type of Contract: Lump Sum  Per your Proposal of 8/14/78.  Subject to Councilmanic Approval			

**ATTENTION!**

Send all Invoices to General Accounting  
4th Floor, City-County Bldg.  
1 E. Main St.  
Fort Wayne, Indiana 46802  
Show P. O. Number on Packing Slip  
and Invoice.

RW (607)

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

SUBJECT TO CONDITIONS ON REVERSE SIDE

BY \_\_\_\_\_ CITY UTILITIES PURCHASING AGENT

FORM H-54

## City Utilities

PURCHASE REQUISITION

Newberry Construction Company  
10080 Windisch Road  
West Chester, Ohio 45069

Date August 18, 1978

Please order the following Material for Delivery as Specified:

To be delivered to Three Rivers Filtration Plant

Reg. No. #607

On or before Subject: Spy Run Railroad Spur Repairs

P. O. No. 0231

QUANTITY	DESCRIPTION	DIST. NO.	DEPARTMENT ESTIMATED COST
	Furnish labor, equipment and material to perform track	21-651	.03
	repairs as follows:		
	1. Remove concrete from Station 0+83 to 1+19 and dispose of same.		
	2. Remove track and excavate to a line 6 inches below the bottom of the new tie grade, disposing of same from Station 0+36 to 1+19.		
	3. Rebuild the track using the following: a) Reuse existing west rail. b) Relay east rail with material furnished by owner. c) Furnish and install new joint bars for four (4) joints, including one (1) pair compromise angle bars. d) Furnish and install new bolts and spikes. e) Furnish and install forth-eight (48) 7"x9"x8'-6" creosoted cross ties. f) Furnish and install new crushed limestone ballast 6 inches under ties level with the top of ties. g) Replace concrete drive approximately 36'x10'x6".		
REMARKS:			

I hereby certify that the work or supplies above specified are necessary for stock or use in this department.

Department Filtration Plant

*Rev*

Dept. Head	Charge Light	Water	X	Sewage
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# City Utilities

**PURCHASE REQUISITION**

Newberry Construction Company  
10080 Windisch Road  
West Chester, Ohio 45069

Date August 18, 1978

Page -2-

Please order the following Material for Delivery as Specified:

To be delivered to Three Rivers Filtration PlantReq. No. #607

On or before

P. O. No. 0231

QUANTITY	DESCRIPTION	DIST. NO.	DEPARTMENT ESTIMATED COST
	4. The Owner shall have the right to retain any or all of the existing cross ties that will be replaced.	21-651	.03
	All cross ties not retained by the Owner shall be hauled away and disposed of by the Contractor.		
	All above work to be performed according to the specifications and plans titled Special Provisions,		
	Spy Run Railroad Track Repair, Three Rivers Filtration		
	Plant, Railroad Siding.		\$6,313. 00
	Terms: Net Upon Completion		
	Type of Contract: Lump Sum		
REMARKS:	<i>Per your proposal of 8/4/78. Subject to Councilmanic Approval.</i>		

I hereby certify that the work or supplies above specified  
are necessary for stock or use in this department.

Filtration Plant

Department

Dept. Head

Charge Light

Water

X Sewage

# PROPOSAL

Three Rivers Filtration Plant  
City-County Building  
One Main Street  
Fort Wayne, Indiana 46802



NEWBERRY  
CONSTRUCTION  
COMPANY  
10080 WINDISCH ROAD  
WEST CHESTER, OHIO 45089  
Telephone 513 777-2250

Attention: Mr. Glen R. Patrick

SUBJECT: SPY RUN RAILROAD SPUR REPAIRS

THE SPECIFICATIONS AND ESTIMATE TO PERFORM THE FOLLOWING WORK IS HEREBY SUBMITTED FOR YOUR CONSIDERATION:

- Furnish labor, equipment and material to perform track repairs as follows:
1. Remove concrete from Station 0+83 to 1+19 and dispose of same.
  2. Remove track and excavate to a line 6 inches below the bottom of the new tie grade, disposing of same from Station 0+36 to 1+19.
  3. Rebuild the track using the following:
    - a) Reuse existing west rail.
    - b) Relay east rail with material furnished by owner.
    - c) Furnish and install new joint bars for four (4) joints, including one (1) pair compromise angle bars.
    - d) Furnish and install new bolts and spikes.
    - e) Furnish and install forty-eight (48) 7"x9"x8'-6" creosoted cross ties.
    - f) Furnish and install new crushed limestone ballast 6 inches under ties level with the top of ties.
    - g) Replace concrete drive approximately 36'x10'x6".

We hereby propose to furnish labor, equipment and above materials to perform work as described herein, for the sum of:

Six Thousand, Three Hundred and Thirteen Dollars (\$6,313.00)

Type of Contract

Lump Sum

Terms:

Net Upon Completion

We guarantee our labor and materials to be as specified and work will be performed in workmanlike manner according to standard practice. Any alteration or deviation from above involving extra costs will be executed only upon written orders and will become an extra charge over and above our estimate. We reserve the right to withdraw this proposal if not accepted within days.

DATE SUBMITTED August 14, 1978

THE NEWBERRY CONSTRUCTION COMPANY

*Edward Beiersdorfer*  
Name \_\_\_\_\_  
Edward Beiersdorfer, Estimator - R/R Div.  
(Init)

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to perform the work and payment will be made as specified.

Date Accepted \_\_\_\_\_

ACCEPTANCE OF PROPOSAL

AUTHORIZED SIGNATURE \_\_\_\_\_

RAILROAD CONTRACTORS and ENGINEERS   
PAVING and EXCAVATING #

# JOHN DEHNER, Inc. • Contractors



OFFICE: 1206 CLARK ST.  
P.O. BOX 1346  
PHONE: (219) 422-7577

BUILDERS OF  
SEWERS, WATERWORKS, ROADS  
DRAINAGE, EXCAVATING & GRADING

YARD: 5408 WINCHESTER ROAD  
PHONE: 747-4888  
AREA CODE 219

FORT WAYNE, INDIANA 46801

July 28, 1978

Mr. Glen Patrick, Superintendent  
Fort Wayne Water Filtration Plant  
Griswold Drive  
Fort Wayne, Indiana 46805

Dear Sir:

We propose to furnishing the necessary labor, material and equipment to repair the Spy Run Railroad Tract as per the plans and specifications submitted to us and dated June 1978 for the lump sum price of \$6,930.00. Replacement rail to be furnished by the City of Fort Wayne.

Thanking you for your consideration and hoping to be of service to you, we remain

Very truly yours,

JOHN DEHNER, INC.

Gerald Dehner  
President

GD:re

EQUAL OPPORTUNITY EMPLOYER

# Proposal

Page No. \_\_\_\_\_ of \_\_\_\_\_ Pages

**AVIS****RAILROAD CONST. CO.**P.O. BOX 7600  
FORT WAYNE, IND. 46807

219 - 458-3046

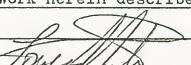
PROPOSAL SUBMITTED TO <b>Three Rivers Filtration Plant</b>	PHONE <b>423-7139</b>	DATE <b>July 24, 1978.</b>
STREET <b>City Council Bldg. 1 Main Street</b>	JOB NAME	
CITY, STATE AND ZIP CODE <b>Fort Wayne, Indiana 46802</b>	JOB LOCATION <b>Fourth Street-Fort Wayne, Indiana</b>	
ARCHITECT	DATE OF PLANS	JOB PHONE

We hereby submit specifications and estimates for: Repair track at fourth street and remove crossing to changes cross ties-rebuilt crossing.

1-Excavation and material Disposal included Supervision and equipment for railroad crossing to be rebuilt with cement.	\$9500.00
2-Change broken rail and replace 50 cross ties	750.00
3-Track Spikes (1 Keg)	85.00
4-two pair compromise bars 105 x 100 P.S.	450.00
5-Labor (6 Men)	2000.00
total	\$12785.00
O.H. & P., 20%	2557.00
<b>Grand Total</b>	<b>\$15342.00</b>

We propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of: **Fifteen Thousand Three Hundred and Forty Two----- dollars (\$ 15342.00 ).**  
Payment to be made as follows:  
To be paid upon satisfactory Completion of all work herein described or otherwise agreed to.

All material is guaranteed to be as specified, the work to be completed in a workmanlike manner according to the drawings, duration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized  
Signature Note: This proposal may be withdrawn by us if not accepted within **30** days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_

Signature \_\_\_\_\_

Signature \_\_\_\_\_

## AVIS

## RAILROAD CONST. CO.

P.O. BOX 7600  
FORT WAYNE, IND. 46807

219 - 456-3048

PROPOSAL SUBMITTED TO Three Rivers Filtration Plant	PHONE 423-7139	DATE July 28, 1978.
STREET City Council Bldg. 1-Main Street	JOB NAME	
CITY, STATE AND ZIP CODE Fort Wayne, Indiana 46802	JOB LOCATION	Fourth Street-Fort Wayne, Indiana
ARCHITECT	DATE OF PLANS	JOB PHONE

We hereby submit specifications and estimates for:  
Repair track at fourth street and remove crossing to  
change cross ties and rebuilt crossing.

1-Excavation and materials disposal included supervision and equipment for railroad crossing to be rebuilt with asphalt.	\$7750.00
2-Change broken rail and replace 50 cross ties	750.00
3-Track Spikes (1 Keg)	85.00
4-Two pairs of compromise bars 105 x 100 P.S.	450.00
5-Labor (6 Men)	2000.00
Total	\$11035.00
O.H. & P. 20%	2207.00
Grand Total	\$13239.00

We propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:  
Thirteen Thousands Two Hundred Thirty Nine----- dollars (\$ 13239.00 ).  
Payment to be made as follows:  
To be paid upon satisfactory completion of all work herein described or otherwise agreed to.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to the plans and specifications. Any deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized

Signature

Note: This proposal may be withdrawn by us if not accepted within 30 days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_

Signature \_\_\_\_\_

Signature \_\_\_\_\_

SPECIAL PROVISIONS  
SPY RUN RAILROAD TRACK REPAIR  
THREE RIVERS FILTRATION PLANT, RAILROAD SIDING  
FORT WAYNE, INDIANA

**SPECIFICATIONS**

The following Special Provisions are herein established in addition to the General and Detailed Specifications, adopted by the Board of Public Works of the City of Fort Wayne on August 14, 1961, and as amended. All work performed under this contract will be governed by the provisions of the General and Detailed Specifications except as they may be modified or amended by these Special Provisions or other Contract Documents prepared specifically for this contract by the Board of Public Works of the City of Fort Wayne, Indiana, or an agent appointed by said Board.

**PLANS**

The plan sheet for this project, entitled "Spy Run Railroad Track Repair, Three Rivers Filtration Plant, Railroad Siding" is hereby made an integral part of these Contract Documents.

**TIME AND SEQUENCE OF WORK**

In general, it is the intention and understanding that the Contractor shall have control over the sequence or order of execution of the several parts of the work to be done under the Contract and over the method of accomplishing the required results, except that once the railroad spur is taken out of service for the necessary repairs, the work shall be completed with all haste. To end this the Contractor shall have at the job site, all necessary labor, tools, materials and equipment necessary for rapid execution of the repair work. The Contractor shall provide a minimum of 1 week notice to the Owner for scheduling the work so that the Owner can coordinate rail shipments of chemicals used at the Filtration Plant. If a rail shipment is expected during the Contractor's proposed construction period, the Contractor shall reschedule the work until after the shipment has been delivered and the rail car returned to beyond the job site.

**SCOPE OF WORK**

This work shall include the necessary repairs to the Spy Run Railroad Spur at 4th St. and the railroad spur. The work shall include disassembling and removing a section of the railroad track and ties, preparing the subgrade including removing excess excavated material from the job site, placing ballast, new ties, relaying the rails, restoration work and cleanup. A replacement rail will be furnished by the Owner and delivered to the job site.

**TRACK REMOVAL**

Track rails shall be removed as noted on the Drawings. The west rail shall be set aside and replaced as herein

required after the new ties and ballast are placed. The east rail within the limits shown shall be removed and disposed of by the Contractor. The Owner will furnish and deliver to the job site a 100 pound per yard replacement rail which will require field cutting by the Contractor to suit the installation.

Ties shall be removed within the limits shown on the Drawings.

**SUBGRADE PREPARATION**

This item shall include handling of all earth, ballast, sidewalk, driveway and pavement removal necessary to prepare the subgrade to the line and grade shown on the Drawings. The subgrade shall be trimmed to a line 6 inches below the bottom of the new cross ties grade. Excess material shall be removed from the job site and disposed of by the Contractor.

**RAILROAD TRACK CONSTRUCTION**

Track construction shall be in accordance with requirements of the American Railway Engineering Association (AREA) for Class "B" railroads.

**Materials.**

**Ballast.** Ballast shall be crushed stone or slag, maximum size shall pass 2½-inch screen, minimum size shall not pass a ½-inch screen.

**Cross Ties.** Cross ties shall be new treated oak 7-inches by 9-inches by 8-feet - 6-inches long. Minimum preservative retention shall be 6 pounds per cubic foot.

**Rails.** The existing west rail shall be reused in the work. The Owner will deliver to the job site a length of 100 pound per yard rail for the east rail replacement. The rail will require field cutting. The rail shall be cut by sawing. Holes for complete bolting of the cut rail shall be by AREA rail drill. The use of a torch for cutting the rail or bolt holes will not be permitted.

**Joint Bars.** New joint bars, including track bolts and spring washers, shall be furnished for all joints.

Joint bars and hardware removed on account of the work shall be turned over to the Owner.

**Tie Plates.** The existing tie plates if in good condition shall be reused. The plates that show excessive wear or distortion of the spike holes shall be replaced with new tie plates to match the rail.

**Spikes.** All spikes shall be new. Line spikes shall be 5/8-inch square and 6-inches long under the head. Hold down spikes shall be 9/16-inch square and 5½-inches long under the head.

#### **Construction.**

**Placing Ties.** Ties shall be spaced 21-inches on center; ties shall be laid with wider heartwood face down and normal to the center line of the track. Space shall be equidistant from rail joints and support rails at end of joint bars. One end of the ties shall be aligned. Ties shall be moved only with tongs. Ties shall not be moved or placed beneath rails with picks, mauls, sledges, or spiking hammers.

**Track Laying.** Care should be exercised in the laying and/or relaying of rails on given centerline of track. An accurate track gauge shall be used in spiking gauge rails at joints, centers, and quarters. The gauge shall be set so that both lugs will have a firm bearing against the line rail. The gauge rail shall be lined in place with lining bars. In no case shall draw of gauge rail be permitted by spiking. The gauge being 4-ft. - 8½-inches plus ½-inch on the curve.

Tie plates shall be set in correct position on the ties, true to gage, and with shoulders in full contact with the rail.

**Joint Bars.** Joint bars shall be secured in place with the full number of bolts, nuts and washers. Bolts shall be staggered, with heads placed inside and outside alternately, and shall be drawn tight before spiking. After the track has been put into service, and before acceptance of the work, all bolts shall be checked and tightened as required.

**Spiking Rails.** Spiking rails shall be fully spiked promptly after laying. Spikes shall be set vertically and driven with the face of the spike in contact with the base of the rail to full bearing on the rail base.

On the curve, 3 spikes to the rail for each tie shall be used, the extra spike being placed on the side of the rail facing the centerline of track. Spikes shall be staggered to avoid splitting ties. Track shall be gaged at joints, centers, quarters and at such other places as is required to insure proper alignment of the rails, as the spikes are driven, and the gage shall not be removed until the spikes are driven home. Gaging shall be accurate in all respects.

**Ballasting.** After track is laid ballast shall be placed to bring track to grade. Ballast shall be well tamped with tamping pick, shovel, tamping bar, ballast fork, ballast spade, or tamping machine, from a point 12 inches inside each rail on both sides of the ties to the end of the tie. Tamping should not be permitted at the center of the tie between above stated limits, but this center should be filled lightly with ballast fork or shovel. Both ends of the tie should be tamped simultaneously and

tamping inside and outside of the rail should be done at the same time. Thorough tamping of ballast under the rail seat is required.

**Surfacing.** After track has been ballasted, it shall promptly be brought to final grade and surfaced. Jacks for raising track shall be placed close enough to prevent bending of the rail or strain on joints. Both rails shall be raised uniformly. All ties pulled loose shall be spiked securely in proper position with full bearing on tie plates. Each tie again shall be thoroughly tamped as noted herein.

**Final Adjustments.** Two months after the track has been accepted and put in operation, the Contractor shall perform necessary resurfacing adjustments without cost to the Owner to leave the track in alignment and on grade.

#### **RESTORATION WORK**

All lawn areas, sidewalks, driveways, curb and gutter and roadway surfaces damaged or removed due to this construction work shall be repaired and replaced by the Contractor. All restoration work shall be equal to and match existing surfaces. Restoration of lawn areas shall be by sodding.

#### **SALVAGE**

All cross ties, rails, joint bars and other hardware removed on account of this work shall be turned over to the Owner. The Owner will designate a site for receiving such items.

#### **CLEAN UP**

All areas occupied by the Contractor's equipment and operations shall be cleaned up and restored to their original condition. Any damage to lawns and/or driveways shall be repaired by the Contractor at his expense as part of this work.

#### **PAYMENT**

Payment will be made on a lump sum basis for the work complete. Payment will be made in the amount of 90 percent of the complete work upon satisfactory completion. 10 percent of the amount will be retained for a period of 90 days after completion.

TITLE OF ORDINANCE SPECIAL ORDINANCE - CITY UTILITIES P. O. NO. 0231 - NEWBERRY CONSTR. CO.

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

*8-78-09-23*

SYNOPSIS OF ORDINANCE CITY UTILITIES PURCHASE ORDER NO. 0231, NEWBERRY CONSTRUCTION COMPANY

FOR SPY RUN RAILROAD REPAIRS, I.E., REMOVAL AND REPLACEMENT OF TRACKS, RAILS AND CONCRETE  
DRIVES LOCATED AT THE THREE RIVERS FILTRATION PLANT.

(MEMORANDUM AND PURCHASE ORDER ATTACHED)

EFFECT OF PASSAGE REPAIR RAILROAD TRACKS USED FOR HAULING CHEMICALS TO THREE RIVERS

FILTRATION PLANT

EFFECT OF NON-PASSAGE PRESENT TRACKS IN NEED OF REPLACEMENT, THUS RETAINING PRESENT SETUP

WILL RESULT IN NEEDLESS TRANSPORTATION PROBLEMS HAULING CHEMICALS, ETC. TO THREE RIVERS  
FILTRATION PLANT

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$6313.00 FROM WATER UTILITY

ASSIGNED TO COMMITTEE \_\_\_\_\_

EP